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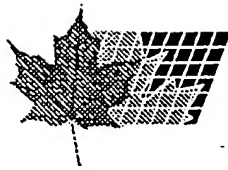
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(21) (A1) **2,226,286**
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(72) MORIAU, Stefan Simon Gustaaf, BE
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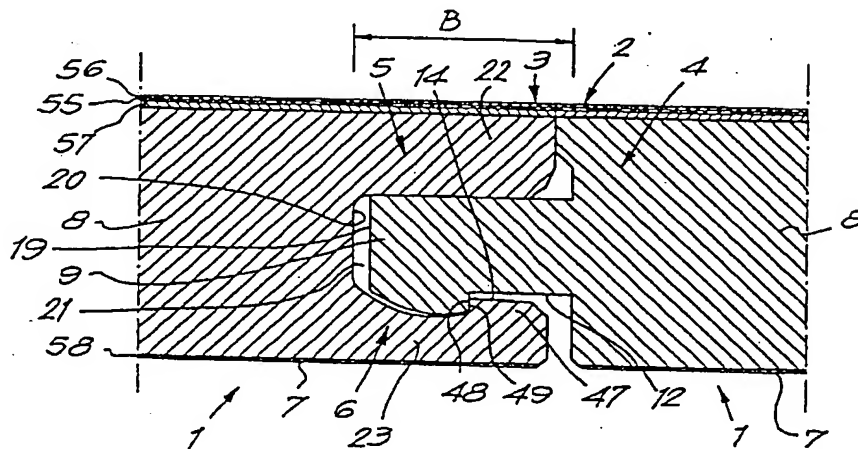
(51) Int.Cl.⁶ E04F 15/04, F16B 5/00

(30) 1996/06/11 (9600527) BE

(30) 1997/04/15 (9700344) BE

(54) **REVETEMENT DE SOL COMPOSE DE PANNEAUX DE
PLANCHER DURS ET PROCEDE DE FABRICATION DE CES
PANNEAUX DE PLANCHER**

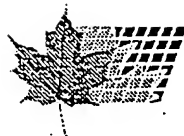
(54) **FLOOR COVERING, CONSISTING OF HARD FLOOR PANELS
AND METHOD FOR MANUFACTURING SUCH FLOOR
PANELS**



(57) Revêtement de sol composé de panneaux de plancher durs (1) qui sont pourvus d'éléments d'accouplement coopérants (4-5, 28-29) au moins au niveau des bords de deux côtés opposés (2-3, 26-27), ces éléments étant sensiblement sous forme de languettes (9-31) et de rainures (10-32), caractérisé en ce que les éléments d'accouplement (4-5, 28-29) sont pourvus de moyens de verrouillage mécanique intégrés (6) qui empêchent deux panneaux de plancher accouplés de s'éloigner l'un de l'autre en une direction (R) perpendiculaire aux bords associés (2-3, 26-27) et parallèle à la face inférieure (7) desdits panneaux accouplés (1).

(57) Floor covering, consisting of hard floor panels (1) which, at least at the edges of two opposite sides (2-3, 26-27), are provided with coupling parts (4-5, 28-29), cooperating with each other, substantially in the form of a tongue (9-31) and a groove (10-32), characterized in that the coupling parts (4-5, 28-29) are provided with integrated mechanical locking means (6) which prevent the drifting apart of two coupled floor panels into a direction (R) perpendicular to the related edges (2-3, 26-27) and parallel to the underside (7) of the coupled floor panels (1).





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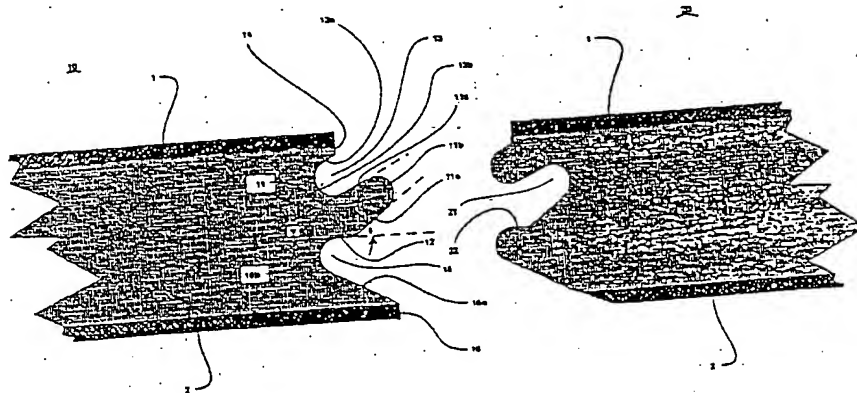
(71) PREMARK RWP HOLDINGS, INC., US

(51) Int. Cl.⁶ E04F 15/10, E04F 13/18

(30) 1997/11/25 (08/977,536) US

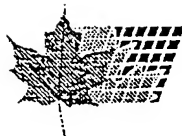
(54) ARTICLE POURVU DE BORDS A EMBOITEMENT, ET
REVETEMENT COMPRENANT LEDIT ARTICLE

(54) ARTICLE WITH INTERLOCKING EDGES AND COVERING
PRODUCT PREPARED THEREFROM

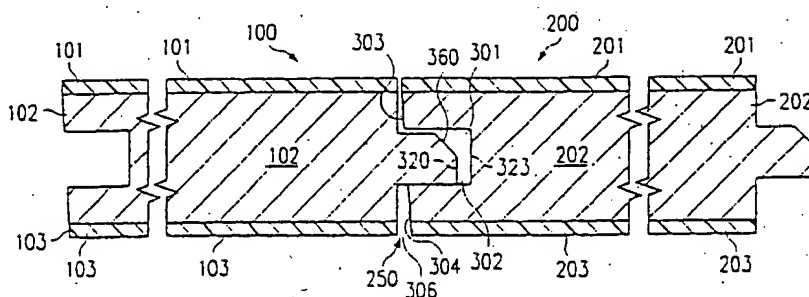


(57) An article is provided that is suitable for use in surface coverings such as laminate floorings, wherein the article has a planar decorative surface, a lower planar surface and at least one male edge and at least one female edge, with the male and female edges having profiles that provide the ability to interlock adjacent articles by approaching one article to the other at an angle, inserting the male edge into the female edge and causing the lower planar surfaces of the two articles to become coplanar, thus forming a gapless seam between the articles which can be formed, if desired, without glue and which can be, if desired, watertight.





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(71) PREMARK RWP HOLDINGS, INC., US
(51) Int.Cl.⁷ B29C 65/48, E04F 13/00, E04B 5/00
(30) 1999/01/18 (09/232,546) US
(54) SYSTEME ET METHODE POUR AMELIORER
L'IMPERMEABILITE A L'EAU DES PLANCHERS
LAMELLAIRES
(54) SYSTEM AND METHOD FOR IMPROVING WATER
RESISTANCE OF LAMINATE FLOORING



(57) A system and method for providing a substantially permanent joint between pieces of laminated material wherein the seam between the laminated material is water resistant is disclosed. A preferred embodiment of the present invention utilizes a non-waterbased adhesive, such as a urethane adhesive, in order to provide a seam substantially impermeable to moisture. Preferably the adhesive utilized expands when cured in order to completely fill the seam area and thus prevent infiltration.